

A3000+ COST ESTIMATE

4-16-91 JSP

ITEM	QTY	A3000+		A3000T+	
		COST	TOTAL	COST	TOTAL
PCB (in SQ INCHES)	1	43.82	43.82	65.73	65.73
IC, 8374, ALICE	1	8.00	8.00	8.00	8.00
IC, 4203, LISA 1u	1	15.00	15.00	15.00	15.00
IC, 4204, KELLY	1	1.50	1.50	1.50	1.50
IC, 8364 PAULA	1	4.36	4.36	4.36	4.36
IC, SUPER GARY	1	3.13	3.13	3.13	3.13
IC, SUPER BUSTER	1	6.06	6.06	6.06	6.06
IC, SUPER DMAC	1	8.43	8.43	8.43	8.43
IC, RAM CONTROLLER	1	3.48	3.48	3.48	3.48
IC, ROM KICKSTART	2	3.79	7.58	3.79	7.58
IC, 8520 CIA	2	1.03	2.06	1.03	2.06
IC, WD33C93 SCSI	1	7.00	7.00	7.00	7.00
IC, AT&T3210 DSP	1	30.00	30.00	30.00	30.00
IC, CODEC DSP	1	20.00	20.00	20.00	20.00
IC, 68030 25MHz QFP	1	119.84	119.84	119.84	119.84
IC, 68882 25MHz PLCC	1	62.18	62.18	62.18	62.18
IC, DRAM, 256Kx4	16	3.50	56.00		
IC, DRAM, 256Kx4	8			3.50	28.00
IC, DRAM, 1Mx4 SC	8			15.00	120.00
SOCKET, 20PIN	53	0.05	2.65	0.05	2.65
IC, PAL 16L8	4	1.95	7.80	1.95	7.80
IC, LF347 OP AMP	1	0.79	0.79	0.79	0.79
IC, LM339 COMP	1	0.16	0.16	0.16	0.16
IC, 1488	1	0.12	0.12	0.12	0.12
IC, 1489	1	0.12	0.12	0.12	0.12
IC, RTC, RICOH	1	1.88	1.88	1.88	1.88
IC, 74F646	9	2.41	21.69	2.41	21.69
IC, 74F245	11	0.25	2.75	0.25	2.75
IC, 74F373	1	0.25	0.25	0.25	0.25
IC, 74HCT244	2	0.20	0.40	0.20	0.40
IC, 74LS174	2	0.13	0.26	0.13	0.26
IC, 74F163	1	0.23	0.23	0.23	0.23
IC, 74LS157	1	0.13	0.13	0.13	0.13
IC, 74ALS74	1	0.40	0.40	0.40	0.40
IC, 74LS74	2	0.11	0.22	0.11	0.22
IC, 74F86	1	0.14	0.14	0.14	0.14
IC, 74F74	1	0.14	0.14	0.14	0.14
IC, 74HC04	1	0.10	0.10	0.10	0.10
IC, 74LS00	1	0.09	0.09	0.09	0.09
IC, 74F08	2	0.11	0.22	0.11	0.22
IC, 74LS08	1	0.11	0.11	0.11	0.11
IC, 7407	2	0.14	0.28	0.14	0.28
IC, 74F04	2	0.11	0.22	0.11	0.22
IC, VIDEO HYBRID	2	1.50	3.00	1.50	3.00
IC, TEL LINE INTFC	1	15.00	15.00	15.00	15.00
CONN DSUB 23 MALE	1	0.55	0.55	0.55	0.55
CONN DSUB 23 FEMALE	1	0.55	0.55	0.55	0.55
CONN DSUB 25 MALE	1	0.55	0.55	0.55	0.55
CONN DSUB 25 STK FE	1	3.14	3.14	3.14	3.14
CONN DSUB 9 MALE	2	0.32	0.64	0.32	0.64
CONN DSUB 15 VGA	1	0.82	0.82	0.82	0.82
CONN DIN 5 KYBD	1	0.23	0.23	0.23	0.23
HEADER 34PIN FDD	1	0.30	0.30	0.30	0.30
HEADER 50PIN SCSI	1	0.50	0.50	0.50	0.50

\$10 - three
\$5 - Modern

256x16 \$10.38
(Clady 11.72)

68150AX - \$5
68046-68030

CONN EDGE VIDEO	1	0.71	0.71	0.71	0.71
CONN EDGE BUS	1	0.71	0.71	0.71	0.71
DIODES MISC	2	0.02	0.04	0.02	0.04
CONN POWER	1	0.50	0.50	0.50	0.50
EMI FILTER	85	0.04	3.40	0.04	3.40
OSCILLATORS	2	1.76	3.52	1.76	3.52
BATTERY NICAD 3.6V	1	1.50	1.50	1.50	1.50
FERRITE BEAD	10	0.02	0.20	0.02	0.20
RESISTORS MISC	50	0.00	0.13	0.00	0.13
RESISTOR PACKS	30	0.05	1.50	0.05	1.50
CAPS CERAMIC	150	0.03	4.50	0.03	4.50
CAPS ELETROLYTIC	25	0.05	1.25	0.05	1.25
SOCKET, 68PIN, PLCC	2	0.78	1.56	0.78	1.56
SOCKET, 84PIN, PLCC	5	0.78	3.90	0.78	3.90
SOCKET, 48PIN, DIP	2	0.15	0.30	0.15	0.30
SOCKET, 40PIN, DIP	5	0.12	0.60	0.12	0.60
TRIMMER CAP	1	0.06	0.06	0.06	0.06
CRYSTAL, 32.768KHz	1	0.15	0.15	0.15	0.15
RISER PCB (SQ IN)	52	0.23	11.96		
CONN 100PIN EDGE	4	0.71	2.84		
CONN AT BUS EDGE	2	0.69	1.38		
CONN VIDEO BUS EDGE	2	0.31	0.62	0.31	0.62
CONN 100PIN EDGE	5			0.71	3.55
CONN AT BUS EDGE	4			0.69	2.76
FDD 2MB 3.5	1	³⁷ 40.00	40.00	40.00	40.00
FDD RIBBON CABLE	1	¹⁵⁰ 2.00	2.00	²²⁵ 2.00	2.00
HDD SCSI 50/100MB	1	199.00	199.00	315.00	315.00
HDD RIBBON CABLE	1	2.00	2.00	2.00	2.00
LED & CABLE ASSY	1	0.75	0.75	0.75	0.75
KEYBOARD	1	25.35	25.35	25.35	25.35
CASEWORK, ETC...	1	25.00	25.00	62.48	62.48
POWER SUPPLY	1	51.40	51.40	73.10	73.10
MOUSE	1	11.15	11.15	11.15	11.15
SOFTWARE & MANUALS	1	20.00	20.00	20.00	20.00
BOX AND PACKING	1	5.00	5.00	8.00	8.00
LABOR/OH			84.31		100.00
FREIGHT			6.00		10.00
DUTY 4.9%			47.79		62.38
GRAND TOTAL			1028.99		1345.50

PART #	ITEM	QTY	A3000		A3500	
			COST	TOTAL	COST	TOTAL
	PCB (in SQ INCHES)	1	40.00	40.00	60.00	60.00
	IC, 8372 SUPER AGNUS	1	7.00	7.00	7.00	7.00
	IC, 8373 SUPER DENIS	1	5.00	5.00	5.00	5.00
	IC, 8364 PAULA	1	4.36	4.36	4.36	4.36
	IC, SUPER GARY	1	3.00	3.00	3.00	3.00
	IC, SUPER BUSTER	1	3.30	3.30	3.30	3.30
	IC, SUPER DMAC	1	6.50	6.50	6.50	6.50
	IC, RAM CONTROLLER	1	3.50	3.50	3.50	3.50
	IC, ROM KICKSTART	2	3.79	7.58	3.79	7.58
	IC, 8520 CIA	2	1.03	2.06	1.03	2.06
	IC, DISP ENHANCER	1	3.50	3.50	3.50	3.50
	IC, WD33C93 SCSI	1	7.00	7.00	7.00	7.00
	IC, 68030 16MHz QFP	1	87.00	87.00		
	IC, 68881 16MHz PLCC	1	32.50	32.50		
	IC, 68030 25MHz QFP	1			143.00	143.00
	IC, 68882 25MHz PLCC	1			73.00	73.00
	IC, DRAM, 256Kx4	16	7.50	120.00		
	IC, DRAM, 256Kx4	24			7.50	180.00
	SOCKET, 20PIN	53	0.05	2.65	0.05	2.65
	IC, PAL 16L8	4	1.80	7.20	1.80	7.20
	IC, NE564 PLL	1	1.00	1.00	1.00	1.00
	IC, LF347 OP AMP	1	0.79	0.79	0.79	0.79
	IC, LM339 COMP	1	0.16	0.16	0.16	0.16
	IC, 1488	1	0.12	0.12	0.12	0.12
	IC, 1489	1	0.12	0.12	0.12	0.12
	IC, RTC, MSM6242	1	1.88	1.88	1.88	1.88
	IC, uPD42101C-2	3	3.60	10.80	3.60	10.80
	IC, uPD42270C-60	3	16.00	48.00	16.00	48.00
	IC, 74F646	12	2.00	24.00	2.00	24.00
	IC, 74LS646	4	1.50	6.00	1.50	6.00
	IC, 74F244	2	0.86	1.72	0.86	1.72
	IC, 74HCT244	3	0.89	2.67	0.89	2.67
	IC, 74LS245	2	0.45	0.90	0.45	0.90
	IC, 74LS174	2	0.40	0.80	0.40	0.80
	IC, 74LS163	1	0.40	0.40	0.40	0.40
	IC, 74LS157	1	0.29	0.29	0.29	0.29
	IC, 74F74	1	0.40	0.40	0.40	0.40
	IC, 74LS74	2	0.19	0.38	0.19	0.38
	IC, 74LS38	1	0.23	0.23	0.23	0.23
	IC, 74F32	1	0.30	0.30	0.30	0.30
	IC, 74LS32	2	0.18	0.36	0.18	0.36
	IC, 74HCT32	1	0.25	0.25	0.25	0.25
	IC, 74HC14	1	0.25	0.25	0.25	0.25
	IC, 74F10	1	0.30	0.30	0.30	0.30
	IC, 74F08	1	0.30	0.30	0.30	0.30
	IC, 74LS08	1	0.18	0.18	0.18	0.18
	IC, 7407	2	0.18	0.36	0.18	0.36
	IC, 74F04	2	0.30	0.60	0.30	0.60
	IC, VIDEO HYBRID	2	1.50	3.00	1.50	3.00
	CONN DSUB 23 MALE	1	0.73	0.73	0.73	0.73
	CONN DSUB 25 MALE	1	0.71	0.71	0.71	0.71
	CONN DSUB 25 FEMALE	2	0.71	1.42	0.71	1.42
	CONN DSUB 9 MALE	2	0.44	0.88	0.44	0.88
	CONN DSUB 15 VGA	1	0.93	0.93	0.93	0.93
	CONN DIN 5 KYBD	1	0.23	0.23	0.23	0.23
	HEADER 34PIN FDD	1	0.30	0.30	0.30	0.30
	HEADER 50PIN SCSI	1	0.50	0.50	0.50	0.50
	HEADER 60PIN RAMEXP	1	0.60	0.60	0.60	0.60
	HEADER 5PIN LEDS	1	0.05	0.05	0.05	0.05
	CONN EDGE VIDEO	1	2.00	2.00	2.00	2.00

CONN EDGE BUS	1	1.00	1.00	1.00	1.00
DIODES MISC	2	0.02	0.04	0.02	0.04
CONN POWER	1	0.50	0.50	0.50	0.50
EMI FILTER	85	0.04	3.40	0.04	3.40
OSCILLATORS	2	1.76	3.52	1.76	3.52
BATTERY NICAD 3.6V	1	1.50	1.50	1.50	1.50
FERRITE BEAD	10	0.02	0.20	0.02	0.20
RESISTORS MISC	50	0.00	0.25	0.00	0.25
RESISTOR PACKS	30	0.10	3.00	0.10	3.00
CAPS CERAMIC	150	0.03	4.50	0.03	4.50
CAPS ELETROLYTIC	25	0.05	1.25	0.05	1.25
SOCKET, 68PIN, PLCC	2	1.25	2.50	1.25	2.50
SOCKET, 84PIN, PLCC	5	1.38	6.90	1.38	6.90
SOCKET, 48PIN, DIP	2	0.15	0.30	0.15	0.30
SOCKET, 40PIN, DIP	5	0.12	0.60	0.12	0.60
TRIMMER CAP	1	0.06	0.06	0.06	0.06
CRYSTAL, 32.768KHz	1	0.15	0.15	0.15	0.15
RISER PCB (SQ IN)	52	0.23	11.96		
CONN 100PIN EDGE	4	0.90	3.60		
CONN AT BUS EDGE	2	0.75	1.50		
CONN VIDEO BUS EDGE	2	0.50	1.00	0.50	1.00
CONN 100PIN EDGE	5			0.90	4.50
CONN AT BUS EDGE	4			0.75	3.00
FDD 1MB 3.5	1	29.29	29.29	29.29	29.29
FDD RIBBON CABLE	1	2.00	2.00	2.00	2.00
HDD SCSI 50/100MB	1	235.00	235.00	410.00	410.00
HDD RIBBON CABLE	1	2.00	2.00	2.00	2.00
LED & CABLE ASSY	1	0.75	0.75	0.75	0.75
KEYBOARD	1	27.00	27.00	27.00	27.00
CASEWORK, ETC...	1	25.00	25.00	62.48	62.48
POWER SUPPLY	1	48.00	48.00	80.00	80.00
MOUSE	1	8.00	8.00	8.00	8.00
SOFTWARE & MANUALS	1	20.00	20.00	20.00	20.00
BOX AND PACKING	1	4.00	4.00	4.00	4.00
LABOR/OH			40.00		50.00
FREIGHT			6.00		6.00
DUTY 4.9%			46.35		67.00
GRAND TOTAL			998.18		1440.25

PART #	ITEM	QTY	A500		A2000	
			COST	TOTAL	COST	TOTAL
	PCB, A500	1	11.05	11.05	21.43	21.43
	IC, 8372, ECS AGNUS	1	6.63	6.63	6.63	6.63
	IC, 8362, DENISE	1	3.33	3.33	3.33	3.33
	IC, 8364, PAULA	1	4.38	4.38	4.38	4.38
	IC, 8520, CIA	2	1.04	2.08	1.04	2.08
	IC, 5719, GARY	1	1.35	1.35	1.35	1.35
	IC, 5721, BUSTER	1			2.25	2.25
	IC, 68000 uP	1	2.44	2.44	2.44	2.44
	IC, KICKSTART ROM	1	3.79	3.79	3.79	3.79
	IC, DRAM, 256Kx4	4	5.88	23.52	0.00	0.00
	IC, DRAM, 256Kx4	8	0.00	0.00	5.88	47.04
	VIDEO HYBRID	1	1.40	1.40	1.40	1.40
	IC, NE555	1	0.11	0.11	0.11	0.11
	IC, 74LS38	1	0.11	0.11	0.11	0.11
	IC, 74LS32	1	0.10	0.10	0.10	0.10
	IC, 74LS157	1	0.15	0.15	0.15	0.15
	IC, 74LS373	2	0.27	0.54	0.27	0.54
	IC, 74LS244	2	0.27	0.54	0.27	0.54
	IC, 74HCT244	2	0.37	0.74	0.37	0.74
	IC, 74F244	2	0.41	0.82	0.41	0.82
	IC, LF347	1	0.42	0.42	0.42	0.42
	IC, 74F04	1	0.13	0.13	0.13	0.13
	IC, 1488	1	0.16	0.16	0.16	0.16
	IC, 1489	1	0.16	0.16	0.16	0.16
	IC, 74F00	1			0.27	0.27
	IC, RTC, MSM6242B	1			1.88	1.88
	IC, 74ALS245	2			1.14	2.28
	IC, LM339	1			0.16	0.16
	IC, 74F245	2			0.86	1.72
	IC, 74F08	1			0.27	0.27
	IC, 74LS08	2			0.13	0.26
	IC, 74LS74	1			0.17	0.17
	IC, 74LS138	1			0.29	0.29
	IC, 74LS245	4			0.45	1.80
	IC, 74LS148	1			0.46	0.46
	DSUB, 23PIN, VIDEO	1	0.70	0.70	0.70	0.70
	DSUB, 23PIN, FDD	1	0.70	0.70	0.70	0.70
	DSUB, 25PIN, SERIAL	1	0.70	0.70	0.70	0.70
	DSUB, 25PIN, PARALLE	1	0.70	0.70	0.70	0.70
	DSUB, 9PIN, JOYSTK	2	0.40	0.80	0.40	0.80
	DIN, 5PIN, POWER	1	0.35	0.35		
	DIN, 5PIN, KYBD	1			0.23	0.23
	JACK, RCA	3	0.12	0.36	0.12	0.36
	CONN, CARDEDGE 100	5			0.89	4.45
	CONN, CARDEDGE 86	1			0.79	0.79
	CONN, CARDEDGE XT	4			0.50	2.00
	CONN, CARDEDGE AT	4			0.36	1.44
	HEADER, 8PIN, KYBD	1	0.12	0.12		
	HEADER, 34PIN, FDD	1	0.69	0.69	0.69	0.69
	HEADER, 56POS, RAMEX	1	0.90	0.90		
	SOCKET, 84 PLCC	1	1.25	1.25	1.25	1.25
	SOCKET, 64 DIP	1	0.28	0.28	0.28	0.28
	SOCKET, 48 DIP	3	0.30	0.90	0.30	0.90
	SOCKET, 40 DIP	3	0.08	0.24	0.08	0.24
	DIODES MISC	1	0.01	0.01	0.01	0.01
	LINE FILTER	1	0.48	0.48		
	EMI FILTER	53	0.04	2.12	0.04	2.12
	OSCILLATOR	1	1.69	1.69	1.69	1.69
	TRANSISTOR 2N3904	2	0.03	0.06	0.03	0.06
	TRANSISTOR, 2N3906	4	0.03	0.12	0.03	0.12
	FERRITE BEAD	22	0.02	0.44	0.02	0.44

RESISTORS MISC	15	0.00	0.08		
RESISTORS MISC	68			0.00	0.34
RESISTOR PACKS	8	0.08	0.64		
RESISTOR PACKS	39			0.08	3.12
CAPS CERAMIC	74	0.03	2.22		
CAPS CERAMIC	227			0.03	6.81
CAPS ELETROLYTIC	16	0.05	0.80		
CAPS ELECTROLYTIC	29			0.05	1.45
CRYSTAL 32.768KHz	1			0.15	0.15
BATTERY, NICAD 3.6V	1			1.48	1.48
TRIMMER CAP	1			0.06	0.06

PCB MATERIALS SUBTOTAL			81.30		143.74
FDD 3.5 Y4100	1	27.17	27.17	27.17	27.17
FDD CABLES	1	1.20	1.20	2.00	2.00
KEYBOARD	1	12.63	12.63	26.42	26.42
PLASTIC & SHIELDS	1	6.53	6.53	31.50	31.50
MOUSE	1	5.30	5.30	5.30	5.30
SOFTWARE & MANUALS	1	5.50	5.50	5.50	5.50
POWER SUPPLY	1	18.71	18.71	56.00	56.00
BOX, STYRO	1	4.00	4.00	8.00	8.00
LABOR/OH			5.00		20.00
FREIGHT			1.00		2.00
DUTY 4.9%			8.20		15.96
GRAND TOTAL			176.53		343.59

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